

LEGEND

THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON THE DATES INDICATED AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS AT THE TIME.

LOW WATER DATUM

ELEVATIONS AND PROJECT DEPTHS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM (1985) WHEN LAKE ERIE IS AT ELEVATION 569.2 FT., LAKE ST. CLAIR AT 572.3 FT. AND LAKE HURON AT 577.4 FT. ABOVE MEAN WATER LEVEL AT RIMOUSKI, QUEBEC.

GRID COORDINATES

GRID SHOWN ARE BASED ON NATIONAL GEODETIC SURVEY PROJECTION TABLES, STATE OF MICHIGAN, SOUTH ZONE (2115). LAMBERT PROJECTION, 1983 NORTH AMERICAN DATUM.

DIRECTIONS

ALL DIRECTIONS ARE GRID AZIMUTHS REFERRED TO NORTH ZERO.

PROJECT DEPTHS

PROJECT DEPTHS ARE AS INDICATED ABOVE.

THE AUTOMATED ELECTRONIC SURVEY WAS CONDUCTED BY FRED LEROY, PARTY CHIEF, ABOARD THE USACE SURVEY LAUNCHER SOUS.

AUTOMATED EQUIPMENT USED

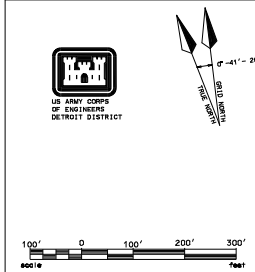
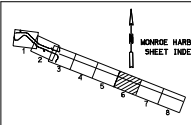
POSITIONING: STANLIM DGPS
DATA PROCESSOR: DELL PC
SOF TRIM: COASTAL OCEANOGRAPHICS
PLOTTER: HERLETT PACKARD 7088
SONIC SOUNDER: JINNSPACE 448

NOTES:

GAGES USED WERE REFERENCED FROM GAGE BOARD SET NEAR MOUTH OF RAISIN RIVER N G.S. 1540 N.

POSITIONS WERE DETERMINED BY G.P.S. REFERENCE BEACON RSN, LOCATED AT FORT WAYNE, DETROIT, MICHIGAN, FREQUENCY 319 MHz, 200 KHz.

TRANSDUCER FREQUENCY USED TO MEASURE DEPTH DATA WAS 208 KHz AND THE BEAM ANGLE WAS 3-D DEGREES.



NO.	DATE	REVISION	BY
U.S. ARMY ENGINEER DISTRICT, DETROIT CORPS OF ENGINEERS DETROIT, MICHIGAN			
MONROE HARBOR, MICH. CONDITION SOUNDINGS C.S. 92+00 E TO C.S. 125+00 E 29 MAY 2003 DETROIT AREA OFFICE			
DESIGNED BY		APPROVAL RECOMMENDED	
CHECKED BY		DATE	
REVIEWED		SCALE 1" = 100'	
SUBMITTED		DRAWING NUMBER	
CHIEF, COMET - OPS DIVISION		mon0603c.dgn	